Name of Work: Improvements to roads and Drains at Allalsandra village in ward no-04 of Yelahanka Satellite Town Sub Division

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
2	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications(I No-19.1, P No-143), 8km lead							
	Desilt							
	Allalsandra							
	1st Main Rd							
	Ch:0.00m to 30.00m	LHS	1	30.00	0.60	0.55	9.90	
	Ch:30.00m to 60.00m	LHS	1	30.00	0.60	0.60	10.80	
	Ch:60.00m to 69.20m	LHS	1	9.20	0.60	0.60	3.31	
	Ch:0.00m to 30.00m	RHS	1	30.00	0.60	0.60	10.80	
	Ch:30.00m to 60.00m	RHS	1	30.00	0.60	0.60	10.80	
	Ch:60.00m to 69.20m	RHS	1	9.20	0.60	0.60	3.31	
	Continue							
	Ch:0.00m to 30.00m	LHS	1	30.00	0.60	0.60	10.80	
	Ch:30.00m to 60.00m	LHS	1	30.00	0.60	0.60	10.80	
	Ch:60.00m to 90.00m	LHS	1	30.00	0.60	0.50	9.00	
	Ch:90.00m to 120.00m	LHS	1	30.00	0.60	0.50	9.00	
	Ch:120.00m to 133.00m	LHS	1	13.00	0.60	0.55	4.29	
	Ch:0.00m to 30.00m	RHS	1	30.00	0.60	0.60	10.80	
	Ch:30.00m to 60.00m	RHS	1	30.00	0.60	0.60	10.80	
	Ch:60.00m to 90.00m	RHS	1	30.00	0.60	0.55	9.90	
	Ch:90.00m to 120.00m	RHS	1	30.00	0.60	0.55	9.90	
	Ch:120.00m to 133.00m	RHS	1	13.00	0.60	0.60	4.68	
	Continue							
	Ch:0.00m to 30.00m	LHS	1	30.00	0.60	0.60	10.80	
	Ch:30.00m to 60.00m	LHS	1	30.00	0.60	0.60	10.80	
	Ch:60.00m to 90.00m	LHS	1	30.00	0.60	0.60	10.80	
	Ch:90.00m to 120.00m	LHS	1	30.00	0.60	0.55	9.90	
	Ch:120.00m to 129.00m	LHS	1	9.00	0.60	0.60	3.24	
	Ch:0.00m to 10.00m	RHS	1	10.00	0.60	0.60	3.60	
	Temple Rd							
	Ch:0.00m to 30.00m	LHS	1	30.00	0.60	0.35	6.30	
	Ch:30.00m to 60.00m	LHS	1	30.00	0.60	0.35	6.30	
	Ch:60.00m to 70.40m	LHS	1	10.40	0.60	0.40	2.50	

Contractor

Consultant

Asst. Engineer

No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
	Ch:0.00m to 30.00m	RHS	1	30.00	0.60	0.40	7.20	
	Ch:30.00m to 60.00m	RHS	1	30.00	0.60	0.40	7.20	
	Ch:60.00m to 70.40m	RHS	1	10.40	0.60	0.40	2.50	
	For Kerb Stone							
	Allalsandra							
	1st Main Rd							
	Ch:0.00m to 30.00m	LHS	1	30.00	0.20	0.20	1.20	
	Ch:30.00m to 60.00m	LHS	1	30.00	0.20	0.20	1.20	
	Ch:60.00m to 69.20m	LHS	1	9.20	0.20	0.20	0.37	
	Ch:0.00m to 30.00m	RHS	1	30.00	0.20	0.20	1.20	
	Ch:30.00m to 60.00m	RHS	1	30.00	0.20	0.20	1.20	
	Ch:60.00m to 69.20m	RHS	1	9.20	0.20	0.20	0.37	
	Gap							
	Ch:0.00m to 30.00m	LHS	1	30.00	0.20	0.20	1.20	
	Ch:30.00m to 60.00m	LHS	1	30.00	0.20	0.20	1.20	
	Ch:60.00m to 90.00m	LHS	1	30.00	0.20	0.20	1.20	
	Ch:90.00m to 120.00m	LHS	1	30.00	0.20	0.20	1.20	
	Ch:120.00m to 129.5m	LHS	1	9.50	0.20	0.20	0.38	
	Ch:0.00m to 10.00m	RHS	1	10.00	0.20	0.20	0.40	
	Temple Rd							
	Ch:0.00m to 30.00m	LHS	1	30.00	0.20	0.20	1.20	
	Ch:30.00m to 60.00m	LHS	1	30.00	0.20	0.20	1.20	
	Ch:60.00m to 70.40m	LHS	1	10.40	0.20	0.20	0.42	
	Ch:0.00m to 30.00m	RHS	1	30.00	0.20	0.20	1.20	
	Ch:30.00m to 60.00m	RHS	1	30.00	0.20	0.20	1.20	
	Ch:60.00m to 70.40m	RHS	1	10.40	0.20	0.20	0.42	
						Present Qty	**236.77**	**Cum**

CBFC

Contractor

Consultant

Asst. Engineer

Name of Work: Improvements to roads and Drains at Allalsandra village in ward no-04 of Yelahanka Satellite Town Sub Division

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
3	KSRB 4-1.2 : Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications							
	Allalsandra							
	1st Main Rd							
	Ch:0.00m to 30.00m	LHS	1	30.00	0.20	0.10	0.60	
	Ch:30.00m to 60.00m	LHS	1	30.00	0.20	0.10	0.60	
	Ch:60.00m to 69.20m	LHS	1	9.20	0.20	0.10	0.18	
	Ch:0.00m to 30.00m	RHS	1	30.00	0.20	0.10	0.60	
	Ch:30.00m to 60.00m	RHS	1	30.00	0.20	0.10	0.60	
	Ch:60.00m to 69.20m	RHS	1	9.20	0.20	0.10	0.18	
	Gap							
	Ch:0.00m to 30.00m	LHS	1	30.00	0.20	0.10	0.60	
	Ch:30.00m to 60.00m	LHS	1	30.00	0.20	0.10	0.60	
	Ch:60.00m to 90.00m	LHS	1	30.00	0.20	0.10	0.60	
	Ch:90.00m to 120.00m	LHS	1	30.00	0.20	0.10	0.60	
	Ch:120.00m to 129.5m	LHS	1	9.50	0.20	0.10	0.19	
	Ch:0.00m to 10.00m	RHS	1	10.00	0.20	0.10	0.20	
	Temple Rd							
	Ch:0.00m to 30.00m	LHS	1	30.00	0.20	0.10	0.60	
	Ch:30.00m to 60.00m	LHS	1	30.00	0.20	0.10	0.60	
	Ch:60.00m to 70.40m	LHS	1	10.40	0.20	0.10	0.21	
	Ch:0.00m to 30.00m	RHS	1	30.00	0.20	0.10	0.60	
	Ch:30.00m to 60.00m	RHS	1	30.00	0.20	0.10	0.60	
	Ch:60.00m to 70.40m	RHS	1	10.40	0.20	0.10	0.21	
						Present Qty	**8.37**	**Cum**

C & FC

Contractor

CITIZEN CONSULTANT * Bangalore *
Consultant

Asst. Engineer 24/12/2020

Asst. Exec. Engineer,

e of Work: Improvements to roads and Drains at Allalsandra village in ward no-04 of Yelahanka Satellite Town Sub Division 4

Detailed Measurements

surement Recorded On:

em No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
7	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications.						
	Asphalt Road						
	Allalsandra						
	1st Main Rd						
	LHS						
	Ch:0.00m to 30.00m	1	30.00	(1.75 + 1.80)/2	0.25	13.31	
	Ch:30.00m to 60.00m	1	30.00	(1.80 + 2.00)/2	0.25	14.25	
	Ch:60.00m to 90.00m	1	30.00	(2.00 + 2.10)/2	0.25	15.38	
	Ch:90.00m to 120.00m	1	30.00	(2.10 + 2.00)/2	0.25	15.38	
	Ch:120.00m to 150.00m	1	30.00	(2.00 + 2.00)/2	0.25	15.00	
	Ch:150.00m to 180.00m	1	30.00	(2.00 + 1.80)/2	0.25	14.25	
	Ch:180.00m to 210.00m	1	30.00	(1.80 + 1.80)/2	0.25	13.50	
	Ch:210.00m to 240.00m	1	30.00	(1.80 + 1.95)/2	0.25	14.06	
	Ch:240.00m to 259.00m	1	19.00	(1.95 + 2.05)/2	0.25	9.50	
	Ch:259.00m to 289.00m	1	30.00	(2.05 + 2.10)/2	0.25	15.56	
	Ch:289.00m to 305.00m	1	16.00	(2.10 + 2.20)/2	0.25	8.60	
	Culvert Gap						
	Ch:289.00m to 335.00m	1	30.00	(1.75 + 1.80)/2	0.25	13.31	
	Ch:335.00m to 365.00m	1	30.00	(1.80 + 1.80)/2	0.25	13.50	
	Ch:365.00m to 374.00m	1	9.00	(1.80 + 2.00)/2	0.25	4.28	

Contractor

Consultant NEWZEN CONSULTANTS Bangalore

Asst. Engineer

31/12/2020

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ, ಬೆಂಗಳೂರು.
Asst. Exec. Engineer,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

me of Work: Improvements to roads and Drains at Allalsandra village in ward no-04 of Yelahanka Satellite Town Sub Division

Detailed Measurements

surement Recorded On:

em No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
8	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications						
	Asphalt Road						
	Allalsandra						
	1st Main Rd						
	LHS						
	Ch:0.00m to 30.00m	1	30.00	(1.75 + 1.80)/2	0.15	7.99	
	Ch:30.00m to 60.00m	1	30.00	(1.80 + 2.00)/2	0.15	8.55	
	Ch:60.00m to 90.00m	1	30.00	(2.00 + 2.10)/2	0.15	9.23	
	Ch:90.00m to 120.00m	1	30.00	(2.10 + 2.00)/2	0.15	9.23	
	Ch:120.00m to 150.00m	1	30.00	(2.00 + 2.00)/2	0.15	9.00	
	Ch:150.00m to 180.00m	1	30.00	(2.00 + 1.80)/2	0.15	8.55	
	Ch:180.00m to 210.00m	1	30.00	(1.80 + 1.80)/2	0.15	8.10	
	Ch:210.00m to 240.00m	1	30.00	(1.80 + 1.95)/2	0.15	8.44	
	Ch:240.00m to 259.00m	1	19.00	(1.95 + 2.05)/2	0.15	5.70	
	Ch:259.00m to 289.00m	1	30.00	(2.05 + 2.10)/2	0.15	9.34	
	Ch:289.00m to 305.00m	1	16.00	(2.10 + 2.20)/2	0.15	5.16	
	Culvert Gap						
	Ch:289.00m to 335.00m	1	30.00	(1.75 + 1.80)/2	0.15	7.99	
	Ch:335.00m to 365.00m	1	30.00	(1.80 + 1.80)/2	0.15	8.10	
	Ch:365.00m to 374.00m	1	9.00	(1.80 + 2.00)/2	0.15	2.57	

Contractor

NZEN CONSULTANT Consultant

Asst. Engineer

5/01/2021

Asst. Executive Engineer,

Sl No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch:289.00m to 335.00m	1	30.00	(1.80 + 1.90)/2	0.15	8.33	
	Ch:335.00m to 365.00m	1	30.00	(1.90 + 2.00)/2	0.15	8.78	
	Ch:365.00m to 374.00m	1	9.00	(2.00 + 1.85)/2	0.15	2.60	
	Ch:374.00m to 404.00m	1	30.00	(1.85 + 2.10)/2	0.15	8.89	
	Ch:404.00m to 434.00m	1	30.00	(2.10 + 2.00)/2	0.15	9.23	
	Ch:434.00m to 464.00m	1	30.00	(2.00 + 2.15)/2	0.15	9.34	
	Ch:464.00m to 494.00m	1	30.00	(2.15 + 2.15)/2	0.15	9.68	
	Ch:494.00m to 507.00m	1	13.00	(2.15 + 1.85)/2	0.15	3.90	
	Ch:507.00m to 537.00m	1	30.00	(1.85 + 1.90)/2	0.15	8.44	
	Ch:537.00m to 567.00m	1	30.00	(1.90 + 2.05)/2	0.15	8.89	
	Ch:567.00m to 597.00m	1	30.00	(2.05 + 1.90)/2	0.15	8.89	
	Ch:597.00m to 627.00m	1	30.00	(1.90 + 1.80)/2	0.15	8.33	
	Ch:627.00m to 636.00m	1	9.00	(1.80 + 1.75)/2	0.15	2.40	
	Temple Road						
	LHS						
	Ch:0.00m to 30.00m	1	30.00	(2.00 + 2.10)/2	0.15	9.23	
	Ch:30.00m to 60.00m	1	30.00	(2.10 + 2.00)/2	0.15	9.23	
	Ch:60.00m to 70.40m	1	10.40	(2.00 + 1.90)/2	0.15	3.04	
	RHS						
	Ch:0.00m to 30.00m	1	30.00	(1.65 + 1.50)/2	0.15	7.09	
	Ch:30.00m to 60.00m	1	30.00	(1.50 + 1.50)/2	0.15	6.75	
	Ch:60.00m to 70.40m	1	10.40	(1.50 + 1.40)/2	0.15	2.26	
					Present Qty	**405.89**	**Cum**

Contractor

NEWZEN CONSULTANT Consultant Bangalore

Asst. Engineer

5/01/2021

Asst. Exec. Engineer,

me of Work: Improvements to roads and Drains at Allalsandra village in ward no-04 of Yelahanka Satellite Town Sub Division

Detailed Measurements

asurement Recorded On:

tem No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
9	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.						
	Asphalt Road						
	Allalsandra						
	1st Main Rd						
	LHS						
	Ch:0.00m to 30.00m	1	30.00	(1.75 + 1.80)/2	0.23	12.25	
	Ch:30.00m to 60.00m	1	30.00	(1.80 + 2.00)/2	0.23	13.11	
	Ch:60.00m to 90.00m	1	30.00	(2.00 + 2.10)/2	0.23	14.15	
	Ch:90.00m to 120.00m	1	30.00	(2.10 + 2.00)/2	0.23	14.15	
	Ch:120.00m to 150.00m	1	30.00	(2.00 + 2.00)/2	0.23	13.80	
	Ch:150.00m to 180.00m	1	30.00	(2.00 + 1.80)/2	0.23	13.11	
	Ch:180.00m to 210.00m	1	30.00	(1.80 + 1.80)/2	0.23	12.42	
	Ch:210.00m to 240.00m	1	30.00	(1.80 + 1.95)/2	0.23	12.94	
	Ch:240.00m to 259.00m	1	19.00	(1.95 + 2.05)/2	0.23	8.74	
	Ch:259.00m to 289.00m	1	30.00	(2.05 + 2.10)/2	0.23	14.32	
	Ch:289.00m to 305.00m	1	16.00	(2.10 + 2.20)/2	0.23	7.91	
	Culvert Gap						
	Ch:289.00m to 335.00m	1	30.00	(1.75 + 1.80)/2	0.23	12.25	
	Ch:335.00m to 365.00m	1	30.00	(1.80 + 1.80)/2	0.23	12.42	

Contractor

Consultant

NEWZEN CONSULTANT Bangalore

Asst. Engineer 16/01/2021

Asst. Exec. Engineer,

me of Work: Improvements to roads and Drains at Allalsandra village in ward no-04 of Yelahanka Satellite Town Sub Division

Detailed Measurements

easurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
10	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.						
	Asphalt Road						
	Allalsandra						
	1st Main Rd						
	LHS						
	Ch:0.00m to 30.00m	1	30.00	$\frac{1.75 + 1.80}{2}$		53.25	
	Ch:30.00m to 60.00m	1	30.00	$\frac{1.80 + 2.00}{2}$		57.00	
	Ch:60.00m to 90.00m	1	30.00	$\frac{2.00 + 2.10}{2}$		61.50	
	Ch:90.00m to 120.00m	1	30.00	$\frac{2.10 + 2.00}{2}$		61.50	
	Ch:120.00m to 150.00m	1	30.00	$\frac{2.00 + 2.00}{2}$		60.00	
	Ch:150.00m to 180.00m	1	30.00	$\frac{2.00 + 1.80}{2}$		57.00	
	Ch:180.00m to 210.00m	1	30.00	$\frac{1.80 + 1.80}{2}$		54.00	
	Ch:210.00m to 240.00m	1	30.00	$\frac{1.80 + 1.95}{2}$		56.25	
	Ch:240.00m to 259.00m	1	19.00	$\frac{1.95 + 2.05}{2}$		38.00	
	Ch:259.00m to 289.00m	1	30.00	$\frac{2.05 + 2.10}{2}$		62.25	
	Ch:289.00m to 305.00m	1	16.00	$\frac{2.10 + 2.20}{2}$		34.40	
	Culvert Gap						
	Ch:289.00m to 335.00m	1	30.00	$\frac{1.75 + 1.80}{2}$		53.25	
	Ch:335.00m to 365.00m	1	30.00	$\frac{1.80 + 1.80}{2}$		54.00	
	Ch:365.00m to 374.00m	1	9.00	$\frac{1.80 + 2.00}{2}$		17.10	

Contractor

NEWZEN CONSULTANT Consultant Bangalore

Asst. Engineer

18/01/2021

Asst. Engineer,

em No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Culvert Gap						
	Ch:289.00m to 335.00m	1	30.00	(1.80 + 1.90)/2		55.50	
	Ch:335.00m to 365.00m	1	30.00	(1.90 + 2.00)/2		58.50	
	Ch:365.00m to 374.00m	1	9.00	(2.00 + 1.85)/2		17.33	
	Ch:374.00m to 404.00m	1	30.00	(1.85 + 2.10)/2		59.25	
	Ch:404.00m to 434.00m	1	30.00	(2.10 + 2.00)/2		61.50	
	Ch:434.00m to 464.00m	1	30.00	(2.00 + 2.15)/2		62.25	
	Ch:464.00m to 494.00m	1	30.00	(2.15 + 2.15)/2		64.50	
	Ch:494.00m to 507.00m	1	13.00	(2.15 + 1.85)/2		26.00	
	Ch:507.00m to 537.00m	1	30.00	(1.85 + 1.90)/2		56.25	
	Ch:537.00m to 567.00m	1	30.00	(1.90 + 2.05)/2		59.25	
	Ch:567.00m to 597.00m	1	30.00	(2.05 + 1.90)/2		59.25	
	Ch:597.00m to 627.00m	1	30.00	(1.90 + 1.80)/2		55.50	
	Ch:627.00m to 636.00m	1	9.00	(1.80 + 1.75)/2		15.98	
	Temple Road						
	LHS						
	Ch:0.00m to 30.00m	1	30.00	(2.00 + 2.10)/2		61.50	
	Ch:30.00m to 60.00m	1	30.00	(2.10 + 2.00)/2		61.50	
	Ch:60.00m to 70.40m	1	10.40	(2.00 + 1.90)/2		20.28	
	RHS						
	Ch:0.00m to 30.00m	1	30.00	(1.65 + 1.50)/2		47.25	
	Ch:30.00m to 60.00m	1	30.00	(1.50 + 1.50)/2		45.00	
	Ch:60.00m to 70.40m	1	10.40	(1.50 + 1.40)/2		15.08	
					Present Qty	**2705.91**	**Sqm**

Contractor

Consultant

CITIZEN CONSULTANT * Bangalore *

Asst. Engineer

14/01/2021

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು
Asst. Executive Engineer,

Name of Work: Improvements to roads and Drains at Allalsandra village in ward no-04 of Yelahanka Satellite Town Sub Division

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
11	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM complete as per specifications.(P.No-158,I No-21.2)						
	Tack coat - Prime coat Area						
						1911.94	**Sqm**
					Present Qty	**1911.94**	**Sqm**

Consultant

Asst. Engineer

Asst. Exec. Engineer,

Name of Work: Improvements to roads and Drains at Allalsandra village in ward no-04 of Yelahanka Satellite Town Sub Division

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
12	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications.						
	Asphalt Road						
	Allalsandra						
	1st Main Rd						
	Ch:0.00m to 30.00m	1	30.00	(4.80 + 5.20)/2		150.00	
	Ch:30.00m to 60.00m	1	30.00	(5.20 + 4.90)/2		151.50	
	Ch:60.00m to 90.00m	1	30.00	(4.90 + 4.80)/2		145.50	
	Ch:90.00m to 120.00m	1	30.00	(4.80 + 5.30)/2		151.50	
	Ch:120.00m to 150.00m	1	30.00	(5.30 + 5.90)/2		168.00	
	Ch:150.00m to 180.00m	1	30.00	(5.90 + 7.10)/2		195.00	
	Ch:180.00m to 210.00m	1	30.00	(7.10 + 6.50)/2		204.00	
	Ch:210.00m to 240.00m	1	30.00	(6.50 + 5.50)/2		180.00	
	Ch:240.00m to 259.00m	1	19.00	(5.50 + 5.70)/2		106.40	
	Ch:259.00m to 289.00m	1	30.00	(6.50 + 5.80)/2		184.50	
	Ch:289.00m to 305.00m	1	16.00	(5.80 + 8.30)/2		112.80	
	Culvert Gap						
	Ch:289.00m to 335.00m	1	30.00	(12.00 + 10.20)/2		333.00	
	Ch:335.00m to 365.00m	1	30.00	(10.20 + 9.80)/2		300.00	
	Ch:365.00m to 374.00m	1	9.00	(9.80 + 5.30)/2		67.95	

Contractor

WZEN CONSULTANT Bangalore
Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch:374.00m to 404.00m	1	30.00	(6.80 + 6.40)/2		198.00	
	Ch:404.00m to 434.00m	1	30.00	(6.40 + 7.10)/2		202.50	
	Ch:434.00m to 464.00m	1	30.00	(7.10 + 6.50)/2		204.00	
	Ch:464.00m to 494.00m	1	30.00	(6.50 + 6.40)/2		193.50	
	Ch:494.00m to 507.00m	1	13.00	(6.40 + 7.90)/2		92.95	
	Ch:507.00m to 537.00m	1	30.00	(7.00 + 6.00)/2		195.00	
	Ch:537.00m to 567.00m	1	30.00	(6.00 + 6.10)/2		181.50	
	Ch:567.00m to 597.00m	1	30.00	(6.10 + 6.90)/2		195.00	
	Ch:597.00m to 627.00m	1	30.00	(6.90 + 7.60)/2		217.50	
	Ch:627.00m to 636.00m	1	9.00	(7.60 + 9.50)/2		76.95	
	Temple Road						
	Ch:0.00m to 30.00m	1	30.00	(7.00 + 5.40)/2		186.00	
	Ch:30.00m to 60.00m	1	30.00	(5.40 + 5.60)/2		165.00	
	Ch:60.00m to 70.40m	1	10.40	(5.60 + 5.90)/2		59.80	
					Present Qty	**4617.85**	**Sqm**

Contractor

CITIZEN CONSULTANT Bangalore

Consultant

Asst. Engineer

Asst. Exec. Engineer,

Name of Work: Improvements to roads and Drains at Allalsandra village in ward no-04 of Yelahanka Satellite Town Sub Division

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
13	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm)						
	Asphalt Road						
	Allalsandra						
	1st Main Rd						
	LHS						
	Ch:0.00m to 30.00m	1	30.00	$\frac{1.75 + 1.80}{2}$	0.05	2.66	
	Ch:30.00m to 60.00m	1	30.00	$\frac{1.80 + 2.00}{2}$	0.05	2.85	
	Ch:60.00m to 90.00m	1	30.00	$\frac{2.00 + 2.10}{2}$	0.05	3.08	
	Ch:90.00m to 120.00m	1	30.00	$\frac{2.10 + 2.00}{2}$	0.05	3.08	
	Ch:120.00m to 150.00m	1	30.00	$\frac{2.00 + 2.00}{2}$	0.05	3.00	
	Ch:150.00m to 180.00m	1	30.00	$\frac{2.00 + 1.80}{2}$	0.05	2.85	
	Ch:180.00m to 210.00m	1	30.00	$\frac{1.80 + 1.80}{2}$	0.05	2.70	
	Ch:210.00m to 240.00m	1	30.00	$\frac{1.80 + 1.95}{2}$	0.05	2.81	
	Ch:240.00m to 259.00m	1	19.00	$\frac{1.95 + 2.05}{2}$	0.05	1.90	
	Ch:259.00m to 289.00m	1	30.00	$\frac{2.05 + 2.10}{2}$	0.05	3.11	
	Ch:289.00m to 305.00m	1	16.00	$\frac{2.10 + 2.20}{2}$	0.05	1.72	
	Culvert Gap						
	Ch:289.00m to 335.00m	1	30.00	$\frac{1.75 + 1.80}{2}$	0.05	2.66	
	Ch:335.00m to 365.00m	1	30.00	$\frac{1.80 + 1.80}{2}$	0.05	2.70	

Contractor

NENZEN CONSULTANT * Bangalore *
Consultant

Ramalingeswaraiah
Asst. Engineer 19/01/2021

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch:30.00m to 60.00m	1	30.00	(2.10 + 2.00) / 2	0.05	3.08	
	Ch:60.00m to 70.40m	1	10.40	(2.00 + 1.90) / 2	0.05	1.01	
	RHS						
	Ch:0.00m to 30.00m	1	30.00	(1.65 + 1.50) / 2	0.05	2.36	
	Ch:30.00m to 60.00m	1	30.00	(1.50 + 1.50) / 2	0.05	2.25	
	Ch:60.00m to 70.40m	1	10.40	(1.50 + 1.40) / 2	0.05	0.75	
					Present Qty	**158.91**	**Cum**

Contractor

NEWZEN CONSULTANT Bangalore Consultant

Asst. Engineer
19/07/2021

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬ.ಬ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-560064.
Asst. Exec. Engineer,

Name of Work: Improvements to roads and Drains at Allalsandra village in ward no-04 of Yelahanka Satellite Town Sub Division

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1	Removing & Refixing stone slabs of drains and pointing in C.M (1:3) (Page No 27., I.No.5.33 of KPWD S.R 2018-19).								
	Vide Premeasurement page no.					0.00			
					Present Qty	**0.00**	**Sqm**	**116.53**	**0.00**
2	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications(I No-19 1, P No-143), 8km lead								
	Vide Premeasurement page no.					236.77			
					Present Qty	**236.77**	**Cum**	**225.40**	**53369.00**
3	KSRB 4-1 2 . Providing and laying in position plain cement concrete of Mix 1 3 6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0 892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications								
	Vide Premeasurement page no.					8.37			
					Present Qty	**8.37**	**Cum**	**5676.73**	**47537.00**
7	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1 00 km and complete as per specifications.								
	Vide Premeasurement page no.					676.48			
					Present Qty	**676.48**	**Cum**	**66.95**	**45291.00**
8	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications								
	Vide Premeasurement page no.					405.89			
					Present Qty	**405.89**	**Cum**	**2088.68**	**847768.00**
9	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.								
	Vide Premeasurement page no.					622.36			
					Present Qty	**622.36**	**Cum**	**2095.34**	**1304055.00**

Contractor

Consultant NEWZEN CONSULTANT Bangalore

Asst. Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಜ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೧೦೬.

Engineer

Name of Work: Improvements to roads and Drains at Allalsandra village in ward no-04 of Yelahanka Satellite Town Sub Division

Detailed Measurements

Measurement Recorded On:

Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc.,complete. As per the direction of Engineer incharge. (P.No.27, I.No.5.30)									
Allalsandra									
1st Main Rd									
Ch:0.00m to 30.00m	LHS	1	30.00			30.00			
Ch:30.00m to 60.00m	LHS	1	30.00			30.00			
Ch:60.00m to 69.20m	LHS	1	9.20			9.20			
Ch:0.00m to 30.00m	RHS	1	30.00			30.00			
Ch:30.00m to 60.00m	RHS	1	30.00			30.00			
Ch:60.00m to 69.20m	RHS	1	9.20			9.20			
Gap									
Ch:0.00m to 30.00m	LHS	1	30.00			30.00			
Ch:30.00m to 60.00m	LHS	1	30.00			30.00			
Ch:60.00m to 90.00m	LHS	1	30.00			30.00			
Ch:90.00m to 120.00m	LHS	1	30.00			30.00			
Ch:120.00m to 129.5m	LHS	1	9.50			9.50			
Ch:0.00m to 10.00m	RHS	1	10.00			10.00			
Temple Rd									
Ch:0.00m to 30.00m	LHS	1	30.00			30.00			
Ch:30.00m to 60.00m	LHS	1	30.00			30.00			
Ch:60.00m to 70.40m	LHS	1	10.40			10.40			
Ch:0.00m to 30.00m	RHS	1	30.00			30.00			
Ch:30.00m to 60.00m	RHS	1	30.00			30.00			
Ch:60.00m to 70.40m	RHS	1	10.40			10.40			
						418.70	**M**		
					Present Qty	**930.00**	**Nos**	**452.81**	**421114.00**

NEWZEN CONSULTANT Consultant

Asst. Engineer 30/01/2021

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬ.ಜ.ಎಂ.ಪ. ಬೆಂಗಳೂರು-106

Asst. Exec. Engineer

e of Work: Improvements to roads and Drains at Allalsandra village in ward no-04 of Yelahanka Satellite Town Sub Division

Detailed Measurements

rement Recorded On:

Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Providing and Fixing pre cast covering Slab 100mm thick made out of CC 1:2:4 and jelly 20mm down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete As									
New Slabs									
Allalsandra									
1st Main Rd									
Ch:0.00m to 30.00m	LHS	1	30.00	0.90		27.00			
Ch:30.00m to 60.00m	LHS	1	30.00	0.90		27.00			
Ch:60.00m to 69.20m	LHS	1	9.20	0.90		8.28			
Ch:0.00m to 30.00m	RHS	1	30.00	0.90		27.00			
Ch:30.00m to 60.00m	RHS	1	30.00	0.90		27.00			
Ch:60.00m to 69.20m	RHS	1	9.20	0.90		8.28			
Continue									
Ch:0.00m to 30.00m	LHS	1	30.00	0.90		27.00			
Ch:30.00m to 60.00m	LHS	1	30.00	0.90		27.00			
Ch:60.00m to 90.00m	LHS	1	30.00	0.90		27.00			
Ch:90.00m to 120.00m	LHS	1	30.00	0.90		27.00			
Ch:120.00m to 133.00m	LHS	1	13.00	0.90		11.70			
Ch:0.00m to 30.00m	RHS	1	30.00	0.90		27.00			
Ch:30.00m to 60.00m	RHS	1	30.00	0.90		27.00			
Ch:60.00m to 90.00m	RHS	1	30.00	0.90		27.00			
Ch:90.00m to 120.00m	RHS	1	30.00	0.90		27.00			
Ch:120.00m to 133.00m	RHS	1	13.00	0.90		11.70			
Continue									
Ch:0.00m to 30.00m	LHS	1	30.00	0.90		27.00			
Ch:30.00m to 60.00m	LHS	1	30.00	0.90		27.00			
Ch:60.00m to 90.00m	LHS	1	30.00	0.90		27.00			
Ch:90.00m to 120.00m	LHS	1	30.00	0.90		27.00			
Ch:120.00m to 129.00m	LHS	1	9.00	0.90		8.10			
Ch:0.00m to 10.00m	RHS	1	10.00	0.90		9.00			
Temple Rd									
Ch:0.00m to 30.00m	LHS	1	10.00	0.90		9.00			
Ch:30.00m to 60.00m	LHS	1	10.00	0.90		9.00			
Ch:60.00m to 70.40m	LHS	1	4.00	0.90		3.60			
Ch:0.00m to 30.00m	RHS	1	10.00	0.90		9.00			
Ch:30.00m to 60.00m	RHS	1	10.00	0.90		9.00			
Ch:60.00m to 70.40m	RHS	1	4.00	0.90		3.60			
					Present Qty	**532.26**	**Sqm**	**2446.84**	**1302356.00**

EWZEN CONSULTANT Bangalore

Consultant

Asst. Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Asst. Exec. Engineer.

Name of Work: Improvements to roads and Drains at Allalsandra village in ward no-04 of Yelahanka Satellite Town Sub Division

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
14	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015. using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminus binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic)								
	Asphalt Road								
	Allalsandra								
	1st Main Rd								
	Ch:0.00m to 30.00m	1	30.00	(4.80 + 5.20)/2	0.04	6.00			
	Ch:30.00m to 60.00m	1	30.00	(5.20 + 4.90)/2	0.04	6.06			
	Ch:60.00m to 90.00m	1	30.00	(4.90 + 4.80)/2	0.04	5.82			
	Ch:90.00m to 120.00m	1	30.00	(4.80 + 5.30)/2	0.04	6.06			
	Ch:120.00m to 150.00m	1	30.00	(5.30 + 5.90)/2	0.04	6.72			
	Ch:150.00m to 180.00m	1	30.00	(5.90 + 7.10)/2	0.04	7.80			
	Ch:180.00m to 210.00m	1	30.00	(7.10 + 6.50)/2	0.04	8.16			
	Ch:210.00m to 240.00m	1	30.00	(6.50 + 5.50)/2	0.04	7.20			
	Ch:240.00m to 259.00m	1	19.00	(5.50 + 5.70)/2	0.04	4.26			
	Ch:259.00m to 289.00m	1	30.00	(6.50 + 5.80)/2	0.04	7.38			
	Ch:289.00m to 305.00m	1	16.00	(5.80 + 8.30)/2	0.04	4.51			
	Culvert Gap								
	Ch:289.00m to 335.00m	1	30.00	(12.00 + 10.20)/2	0.04	13.32			
	Ch:335.00m to 365.00m	1	30.00	(10.20 + 9.80)/2	0.04	12.00			
	Ch:365.00m to 374.00m	1	9.00	(9.80 + 5.30)/2	0.04	2.72			
	Ch:374.00m to 404.00m	1	30.00	(6.80 + 6.40)/2	0.04	7.92			
	Ch:404.00m to 434.00m	1	30.00	(6.40 + 7.10)/2	0.04	8.10			
	Ch:434.00m to 464.00m	1	30.00	(7.10 + 6.50)/2	0.04	8.16			

Contractor

Consultant

NEWZEN CONSULTANTS

Asst. Engineer

11/02/2021

Executive Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch:464.00m to 494.00m	1	30.00	(6.50 + 6.40)/2	0.04	7.74			
	Ch:494.00m to 507.00m	1	13.00	(6.40 + 7.90)/2	0.04	3.72			
	Ch:507.00m to 537.00m	1	30.00	(7.00 + 6.00)/2	0.04	7.80			
	Ch:537.00m to 567.00m	1	30.00	(6.00 + 6.10)/2	0.04	7.26			
	Ch:567.00m to 597.00m	1	30.00	(6.10 + 6.90)/2	0.04	7.80			
	Ch:597.00m to 627.00m	1	30.00	(6.90 + 7.60)/2	0.04	8.70			
	Ch:627.00m to 636.00m	1	9.00	(7.60 + 9.50)/2	0.04	3.08			
	Temple Road								
	Ch:0.00m to 30.00m	1	30.00	(7.00 + 5.40)/2	0.04	7.44			
	Ch:30.00m to 60.00m	1	30.00	(5.40 + 5.60)/2	0.04	6.60			
	Ch:60.00m to 70.40m	1	10.40	(5.60 + 5.90)/2	0.04	2.39			
					Present Qty	**184.71**	**Cum**	**7891.93**	**1457750.00**

Contractor

Consultant

NEWZEN CONSULTANTS

Asst. Engineer

11/02/2021

Asst. Exec. Engineer,

Name of Work: Improvements to roads and Drains at Allalsandra village in ward no-04 of Yelahanka Satellite Town Sub Division

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
15	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as								
	Asphalt Road								
	Allalsandra								
	1st Main Rd								
	Ch:0.00m to 30.00m	2.5	30.00	0.10		7.50			
	Ch:30.00m to 60.00m	2.5	30.00	0.10		7.50			
	Ch:60.00m to 90.00m	2.5	30.00	0.10		7.50			
	Ch:90.00m to 120.00m	2.5	30.00	0.10		7.50			
	Ch:120.00m to 150.00m	2.5	30.00	0.10		7.50			
	Ch:150.00m to 180.00m	2.5	30.00	0.10		7.50			
	Ch:180.00m to 210.00m	2.5	30.00	0.10		7.50			
	Ch:210.00m to 240.00m	2.5	30.00	0.10		7.50			
	Ch:240.00m to 259.00m	2.5	19.00	0.10		4.75			
	Ch:259.00m to 289.00m	2.5	30.00	0.10		7.50			
	Ch:289.00m to 305.00m	2.5	16.00	0.10		4.00			
	Culvert Gap								
	Ch:289.00m to 335.00m	2.5	30.00	0.10		7.50			
	Ch:335.00m to 365.00m	2.5	30.00	0.10		7.50			
	Ch:365.00m to 374.00m	2.5	9.00	0.10		2.25			
	Ch:374.00m to 404.00m	2.5	30.00	0.10		7.50			
	Ch:404.00m to 434.00m	2.5	30.00	0.10		7.50			
	Ch:434.00m to 464.00m	2.5	30.00	0.10		7.50			
	Ch:464.00m to 494.00m	2.5	30.00	0.10		7.50			
	Ch:494.00m to 507.00m	2.5	13.00	0.10		3.25			
	Ch:507.00m to 537.00m	2.5	30.00	0.10		7.50			
	Ch:537.00m to 567.00m	2.5	30.00	0.10		7.50			
	Ch:567.00m to 597.00m	2.5	30.00	0.10		7.50			
	Ch:597.00m to 627.00m	2.5	30.00	0.10		7.50			
	Ch:627.00m to 636.00m	2.5	9.00	0.10		2.25			
	Temple Road								
	Ch:0.00m to 30.00m	2.5	30.00	0.10		7.50			
	Ch:30.00m to 60.00m	2.5	30.00	0.10		7.50			
	Ch:60.00m to 70.40m	2.5	10.40	0.10		2.60			
					Present Qty	**176.60**	**Sqm**	**476.11**	**84082.00**

Contractor

Consultant NEWZEN CONSULTANTS

Asst. Engineer 18/02/2021

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು

Asst. Executive Engineer,

Name of Work: Improvements to roads and Drains at Allalsandra village in ward no-04 of Yelahanka Satellite Town Sub Division

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
16	KSRRB M800-35. Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/ NH/33023/10-97 – DO III Dt 11.06. 1997. The height, width and length shall not exceed 50 mm, 100 mm and 102 mm and with minimum reflective area of 13 Sqcm on each side and								
	Asphalt Road								
	Allalsandra								
	1st Main Rd	2	90.00			180.00			
						Present Qty	**180.00**	**Nos**	**374.01**	**67322.00**
							Total			**6867819.00**
							GST 12%			**824138.28**
							Grand Total			**7691957.28**

Contractor

NEWZEN CONSULTANT

Consultant

Ramalingaiah

Asst. Engineer

22/02/2019

Asst. Exec. Engineer,

Brahmana Dharmika Sabha
Bird's view
Allalasandra Lake
Allalsandra Lake
Sri Sai Phone Care Centre
Allalsandra Swimming Pool
Public Toilet
Flowing Tree
0m
Allalasandra Main Road
Umarjiachar house
Allalasandra Lake Pathway
Sri Ganesha Temple
1st Main Road
636.00m
Peepal Ped Temple
636.00m
14th Main Rd
17th Main Rd
27th Cross Rd
Delhivery Courier Service Yelahanka
Shaneshwara temple allalsandra
Manipal Institute Of Regenerative Medicine
Maple Bear
Temple Road 70.40m
23rd Cross Rd
17th Main Rd
Maruthi Temple, Allalasandra
Elaan Convention Centre
22nd Cross Rd
Technical Ananth
INDEX
ASPHALT ROAD
NEWZEN CONSULTANT
Bangalore
NEWZEN CONSULTANTS BANGALORE
#13,10,MAIN 2nd CROSS,JNANAJYOTHI NAGAR,
JNANA BHARATHI, BANGALORE-560 056
PH-8792820231. E-mail:kumar.vinay631@gmail.com
BRUHAT BANGALORE MAHANAGARA PALIKE